

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	"200201877701" "0960645"	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/09/21 14:41
S2	4	"20021877701" "0960645"	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/09/21 14:42
S3	5	"200201877701" "0960645"	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/09/21 14:43
S4	13	airflo.as.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/09/21 14:45
S5	68	"kyung-ju" near2 choi	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/27 14:22
S6	57	S5 and fiber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 14:22
S8	2714	"210"/\$.ccls. and (varied varying variation) near2 (diameter size)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 16:09
S9	16	"210"/\$.ccls. and (varied varying variation) near2 (diameter size) and ((varied varying variation) near2 (permeability))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 16:10
S10	54	"210"/\$.ccls. and (varied varying variation different differing) near2 (diameter size) and ((varied varying variation different differing) near2 (permeability))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 16:11
S11	38	S10 not S9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 16:12

S12	60	"210"/\$.ocls. and (variable varied varying variation different differing) near2 (diameter size) and ((variable varied varying variation different differing) near2 (permeability))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 16:14
S13	6	S12 not S10 not S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/27 16:14
S14	12234	"210"/\$.ocls. and (variable varied varying variation different differing) with within	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 10:22
S15	5973742	"210"/\$.ocls. and (variable varied varying variation different differing) with within (layer substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 10:23
S16	390	"210"/\$.ocls. and (variable varied varying variation different differing) with within with (layer substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 10:23
S17	15	"210"/\$.ocls. and (variable varied varying variation different differing) with within adj (layer substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 10:24
S18	138	"210"/\$.ocls. and (variable varied varying variation different differing) with within near3 (layer substrate) not S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 10:26
S19	19	"210"/\$.ocls. and (variable varied varying variation different differing) with (porosity permeability pore) with within near3 (layer substrate) not S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 10:27
S20	324	"210"/\$.ocls. and (variable varied varying variation different differing) with (porosity permeability pore) near3 (layer substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 10:44

S21	312	S20 not S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 10:44
S22	15	"210"/\$.ccls. and (variable varied varying variation different differing) with within adj (layer substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 13:20
S23	19	"210"/\$.ccls. and (variable varied varying variation different differing) with (porosity permeability pore) with within near3 (layer substrate) not S22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 13:20
S24	324	"210"/\$.ccls. and (variable varied varying variation different differing) with (porosity permeability pore) near3 (layer substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 13:20
S25	312	S24 not S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 13:20
S26	111	"210"/\$.ccls. and (transition\$4 graduat\$4 grad\$4) with (porosity permeability pore) near3 (layer substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 13:39
S27	82	S26 not S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 13:39
S28	6	"210"/\$.ccls. and asymmetric	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 14:00
S29	1797	"210"/\$.ccls. and asymmetric	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 14:00

S30	338	"210"/\$.ocls. and asymmetric with (fiber filament)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 14:01
S31	43	("2875503"   "20020056684"   "20020187701"   "4095312"   "4100324"   "4267002"   "4375446"   "4526733"   "4714647"   "5425796"   "5628844"   "5681469"   "5725812"   "5891482"   "5976209"   "5976427"   "6159318"   "6230776"   "6596205"   "6908294").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 14:02
S32	105	("4714647").URPN.	USPAT	OR	OFF	2008/11/12 14:17
S33	22	("2988469"   "3073735"   "3231639"   "3825380"   "3849241"   "3888610"   "4011067"   "4018646"   "4032688"   "4041203"   "4116738"   "4180611"   "4181513"   "4211661"   "4215682"   "4375718"   "4431545"   "4526733"   "4622259").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/12 14:21
S34	106	("4714647").URPN.	USPAT	OR	OFF	2009/04/23 15:23
S35	1	("4032688").PN.	USPAT; USOCR	OR	OFF	2009/04/23 16:47
S36	76	"kyung-ju" near2 choi	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/24 15:28
S37	74	"kyung-ju" near2 choi and (filter mat fibrous)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/24 15:29
S38	51	"aaf-mcquay".as. and (filter mat fibrous)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/24 15:37
S39	4	"aaf-mcquay".as. and (filter mat fibrous).clm. not S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/24 15:37

S40	4310	156/62.4,167,178,181.ccls. 264/6,113.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/15 15:47
S41	2773	S40 and (fiber fibrous filament \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 15:48
S42	13	("4095312"   "4100324"   "4267002"   "4375446"   "4526733"   "4714647"   "5628844"   "5725812"   "5891482"   "5976209"   "5976427"   "6159318"   "6230776").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/15 15:50
S43	0	("6736914").URPN.	USPAT	OR	OFF	2010/01/15 15:51
S44	689	S40 and (fiber fibrous filament \$4) and (collector\$4 drum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 15:52
S45	218	S40 and (fiber fibrous filament \$4) and (collector\$4 drum) and filter\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/15 16:14
S46	108	("4714647").URPN.	USPAT	OR	OFF	2010/01/15 17:09

**EAST Search History (Interference)**

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